

FIG. 1

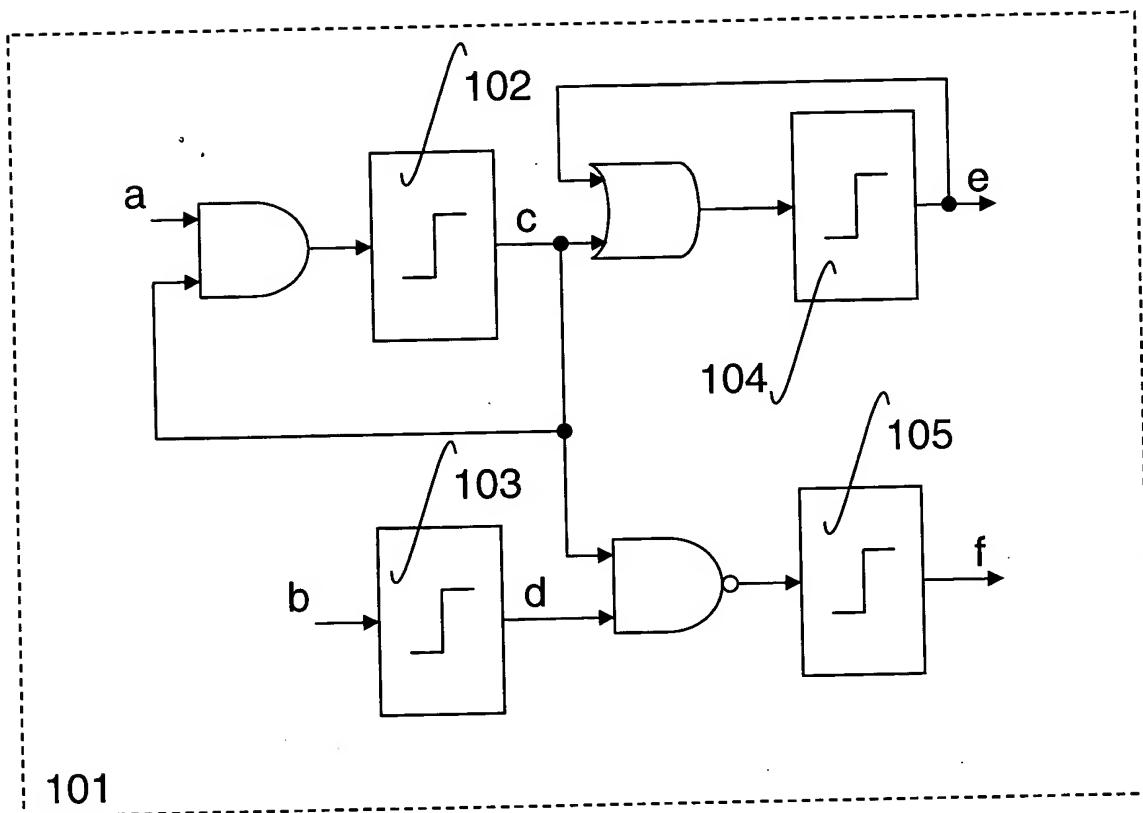


FIG. 2a

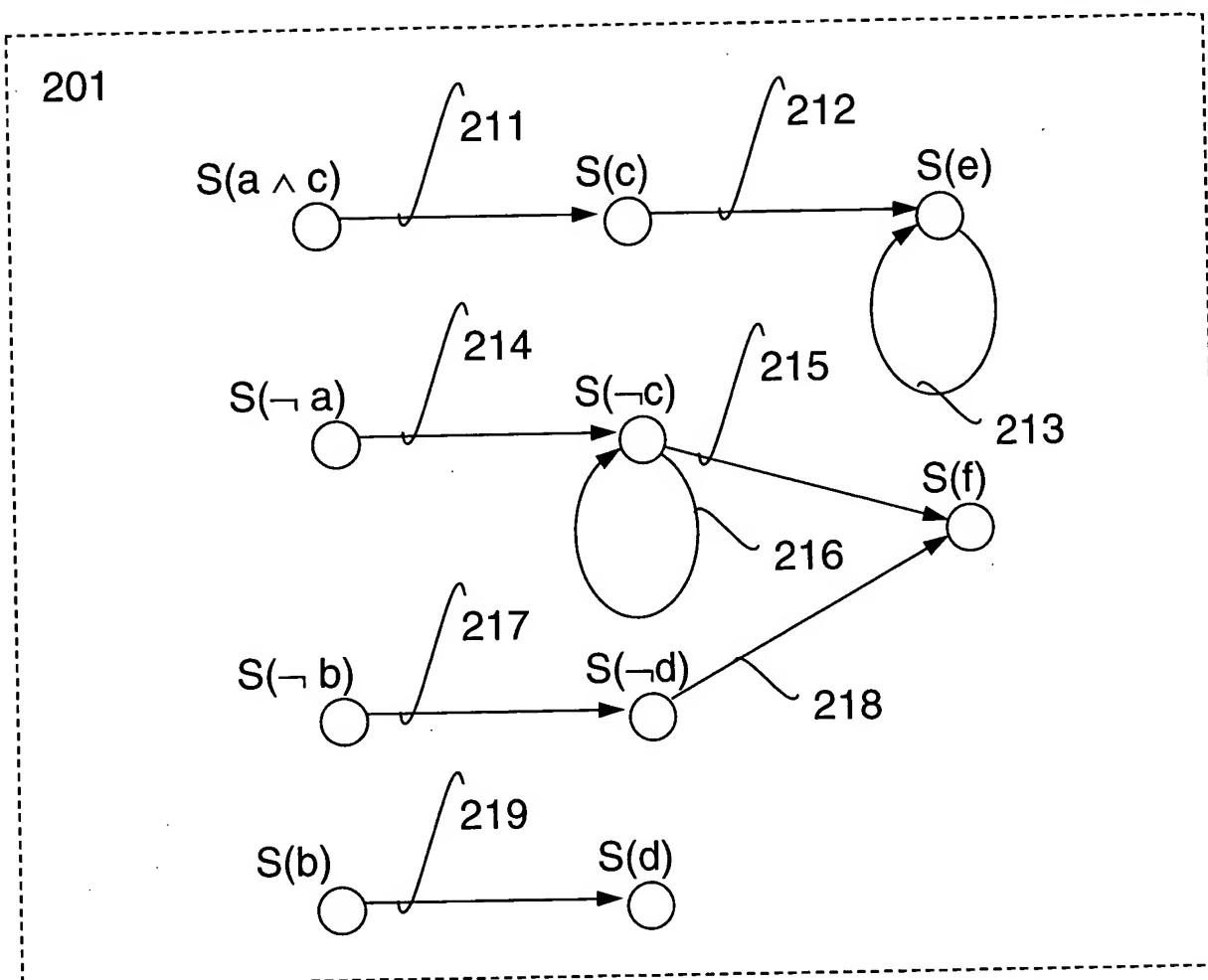


FIG. 2b

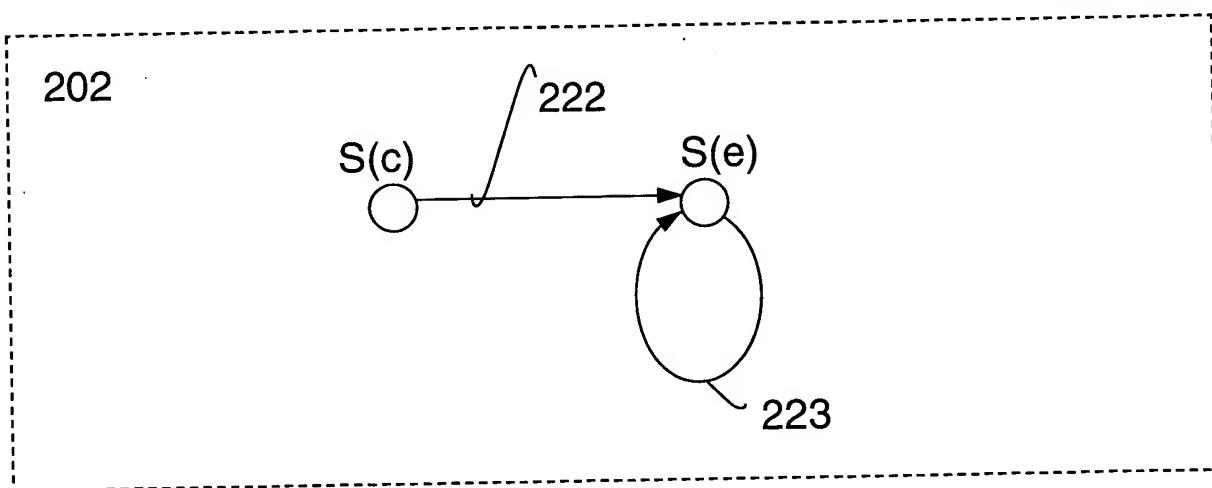


FIG. 3a

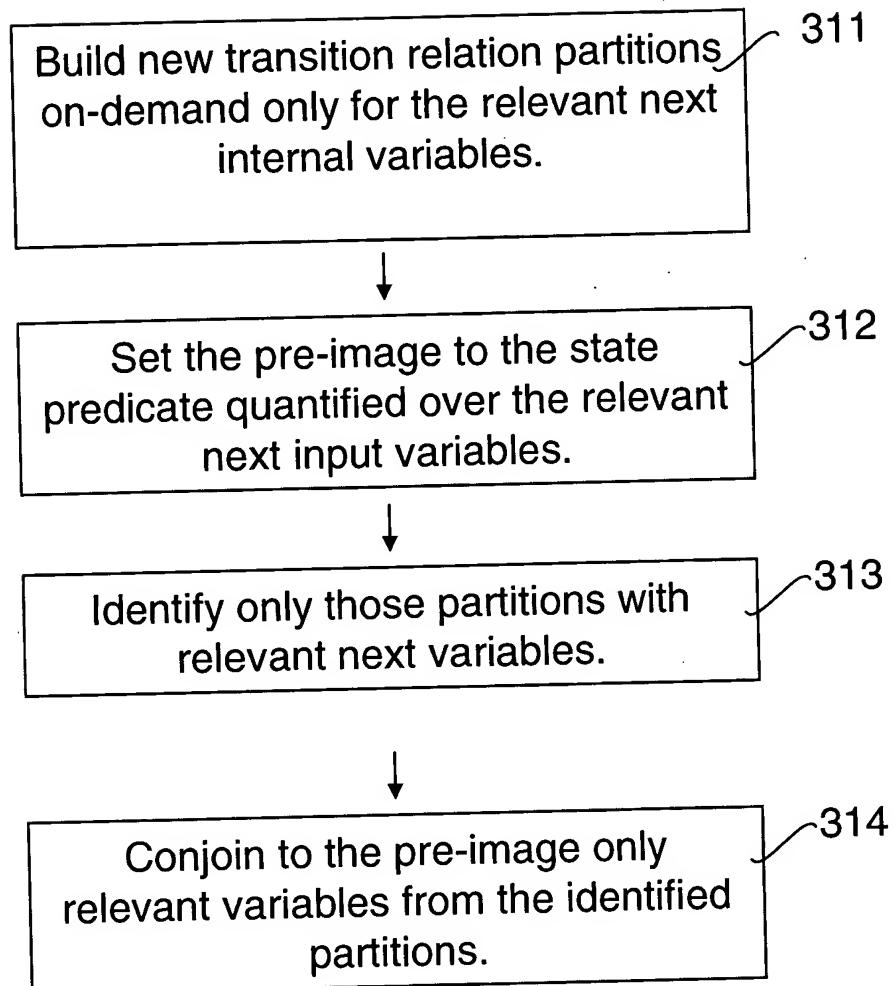


FIG. 3b

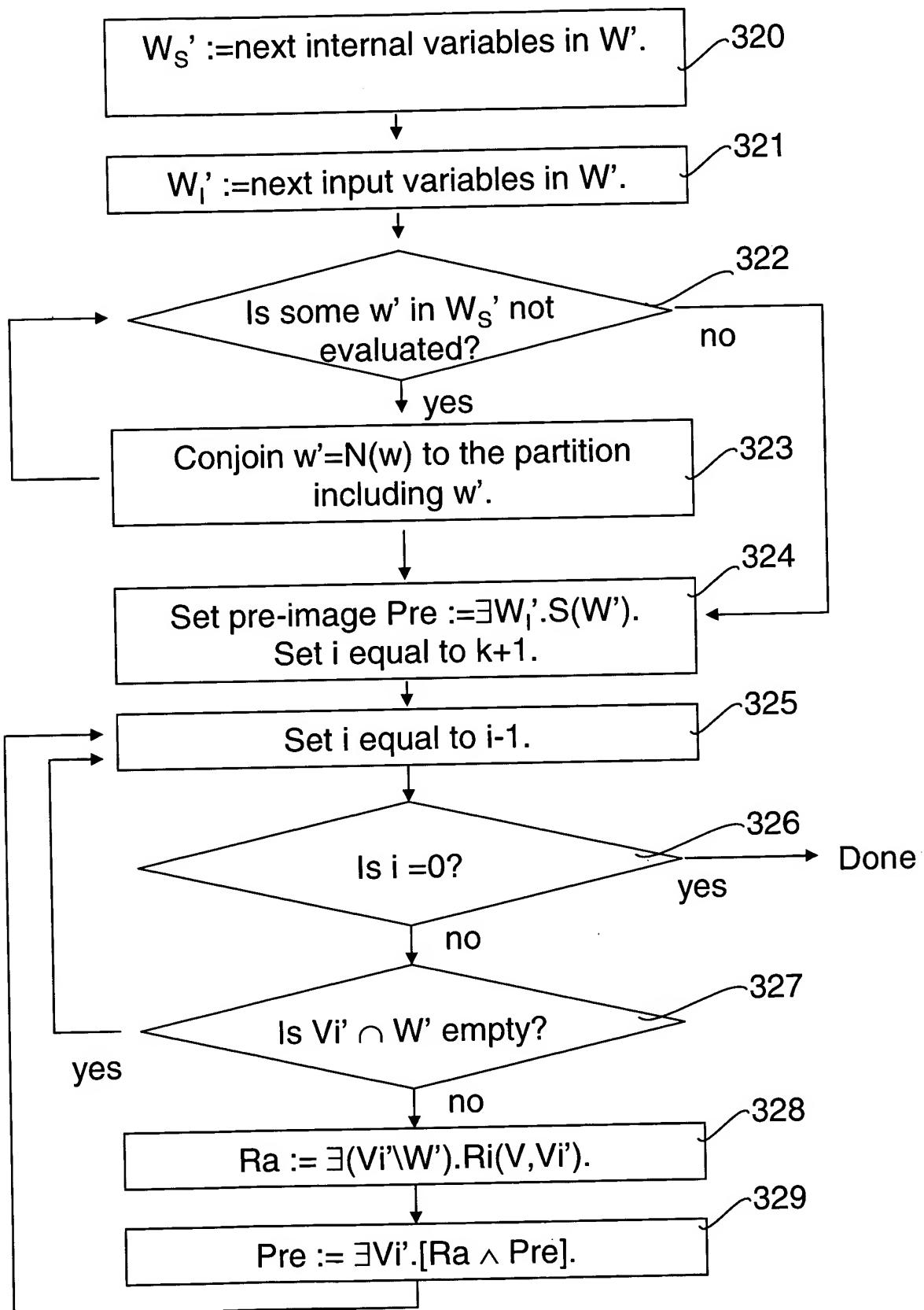


FIG. 4a

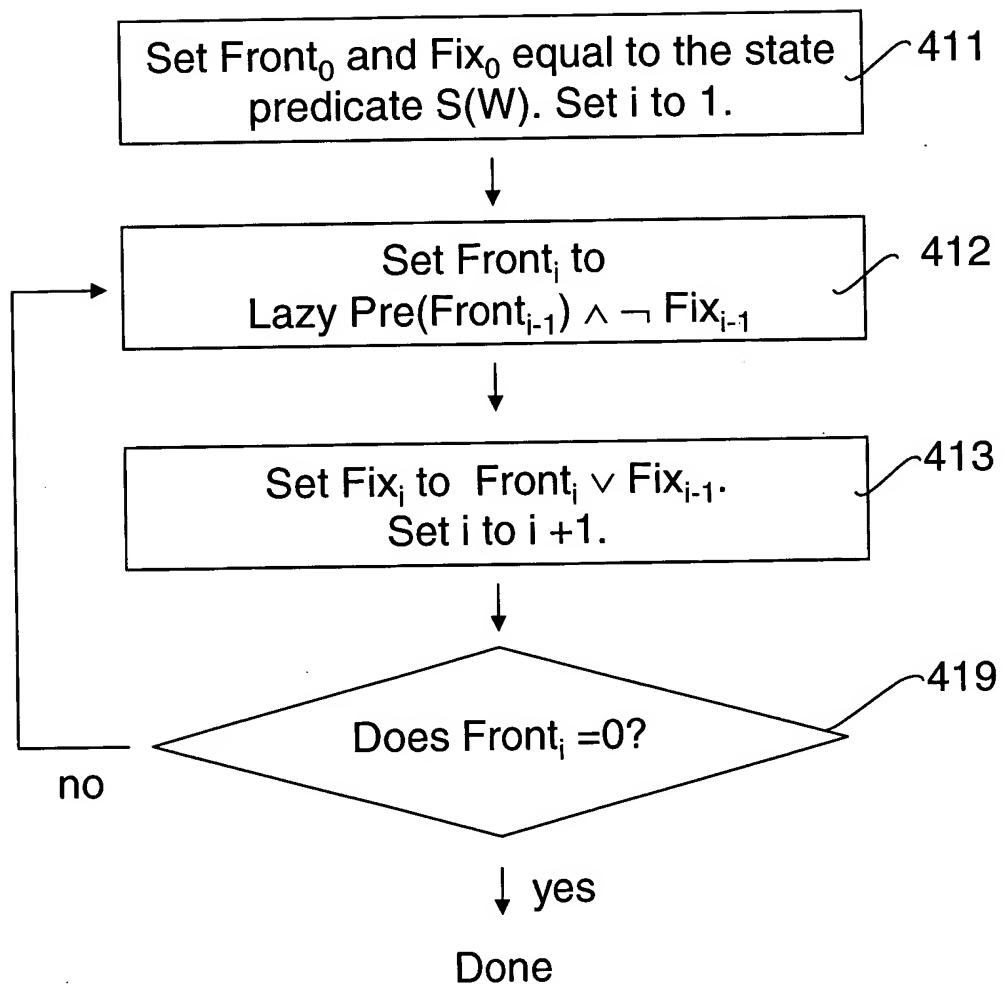


FIG. 4b

# of transitions	Front	Transition Relation	Lazy Pre-image	Fixpoint
0	e	[]		e 420
1	c AND NOT e	[$N(e) = e \text{ OR } c$]	$e \text{ OR } c$	$e \text{ OR } c$ 421
2	\emptyset	[$N(e) = e \text{ OR } c$ $N(c) = c \text{ AND } a$]	$(c \text{ AND } a) \text{ AND NOT } (e \text{ OR } c)$	$e \text{ OR } c$ 422

FIG. 5a

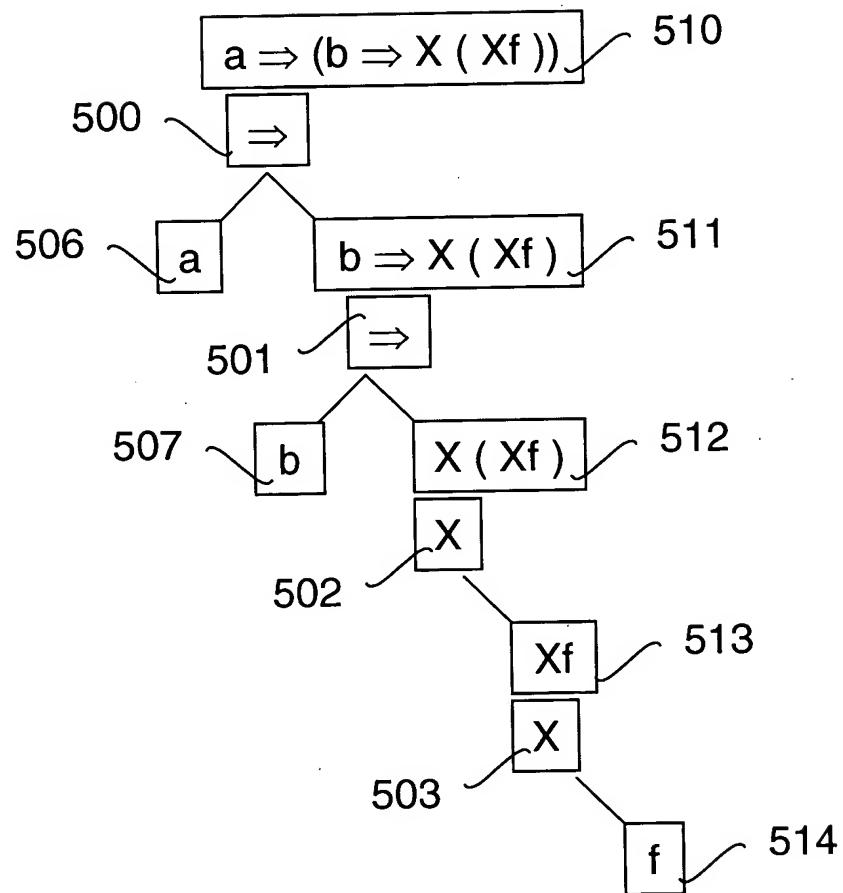


FIG. 5b

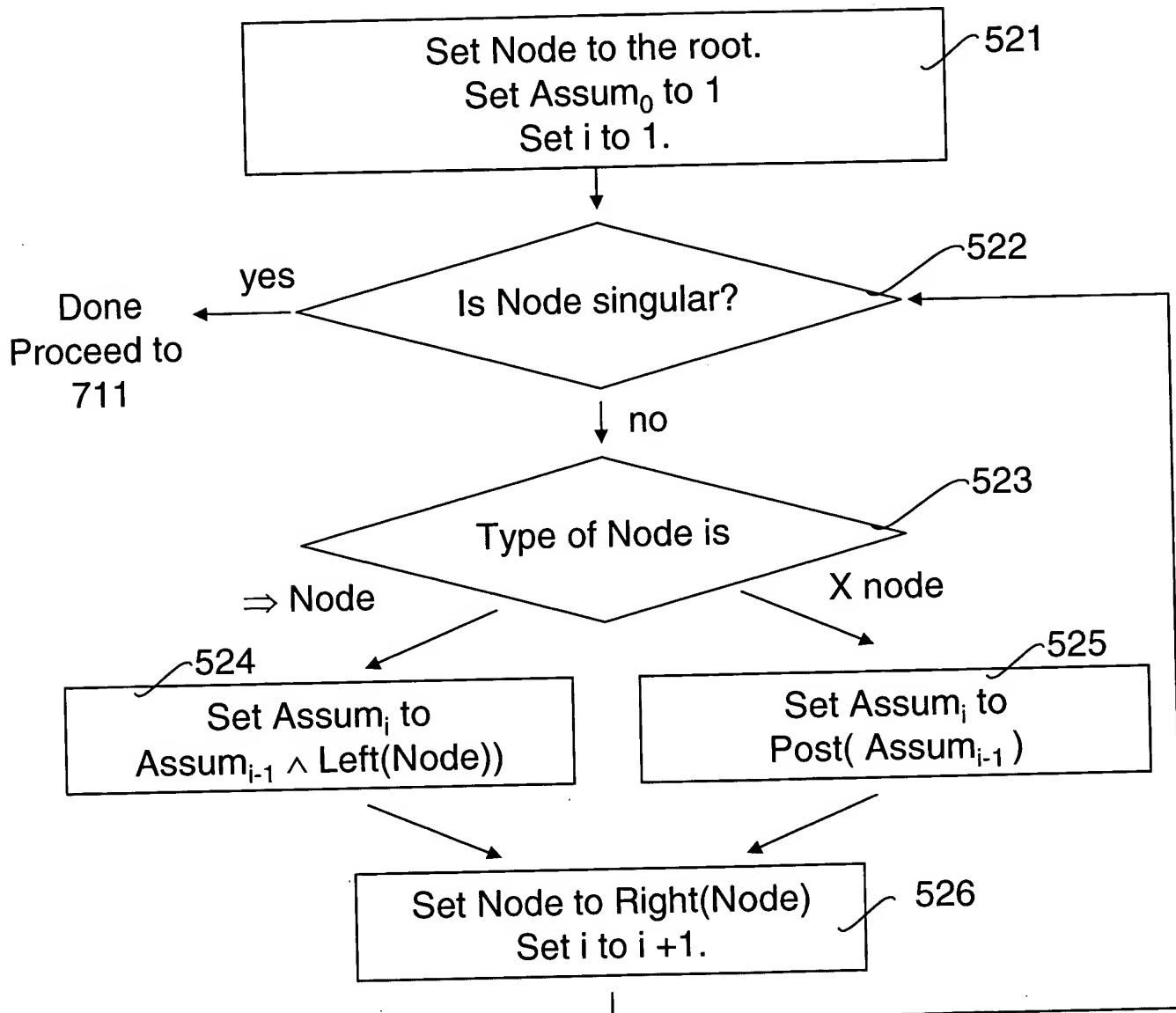


FIG. 5c

Iteration	Assumption	Sub-property
0	1 540	$a \Rightarrow (b \Rightarrow X(X_f))$ 530
1	a 541	$b \Rightarrow X(X_f)$ 531
2	$a \wedge b$ 542	$X(X_f)$ 532
3	$\text{Post}(a \wedge b) = d$ 543	X_f 533
4	$\text{Post}(\text{Post}(a \wedge b)) = 1$ 544	f 534

FIG. 6a

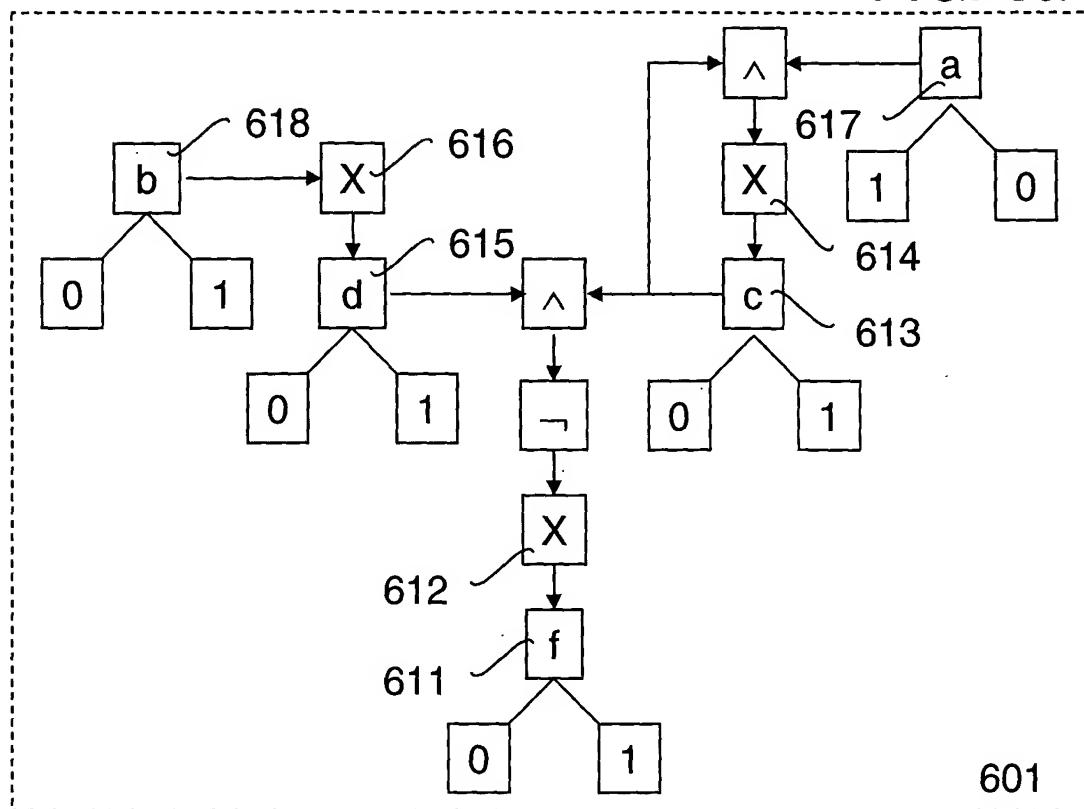


FIG. 6b

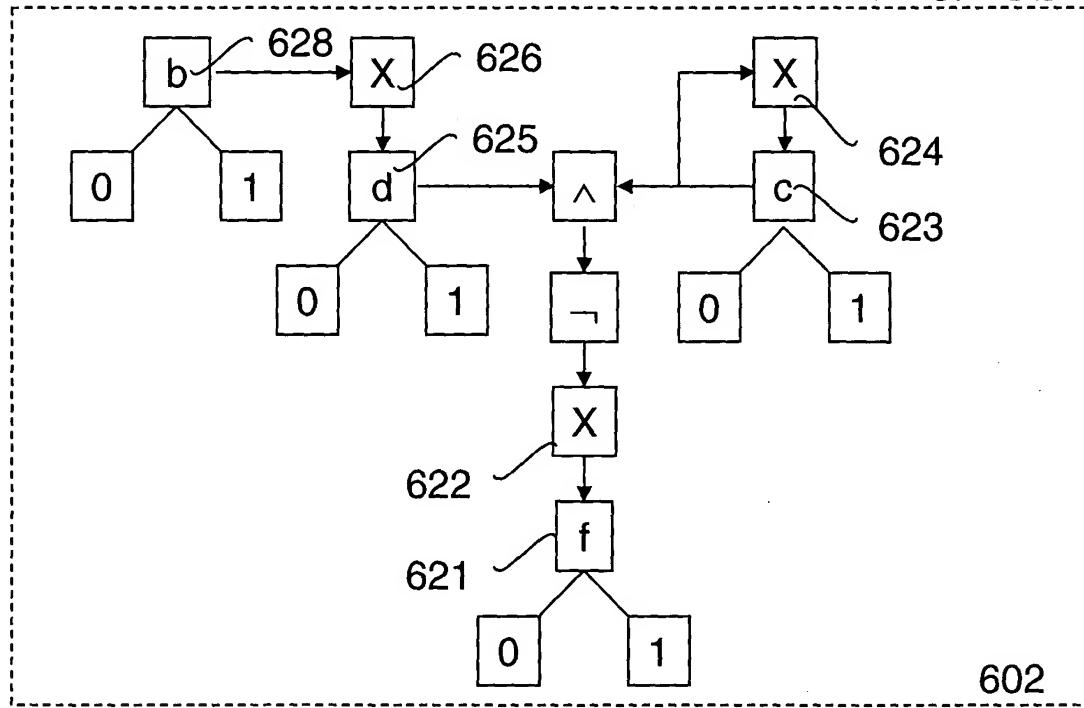


FIG. 6c

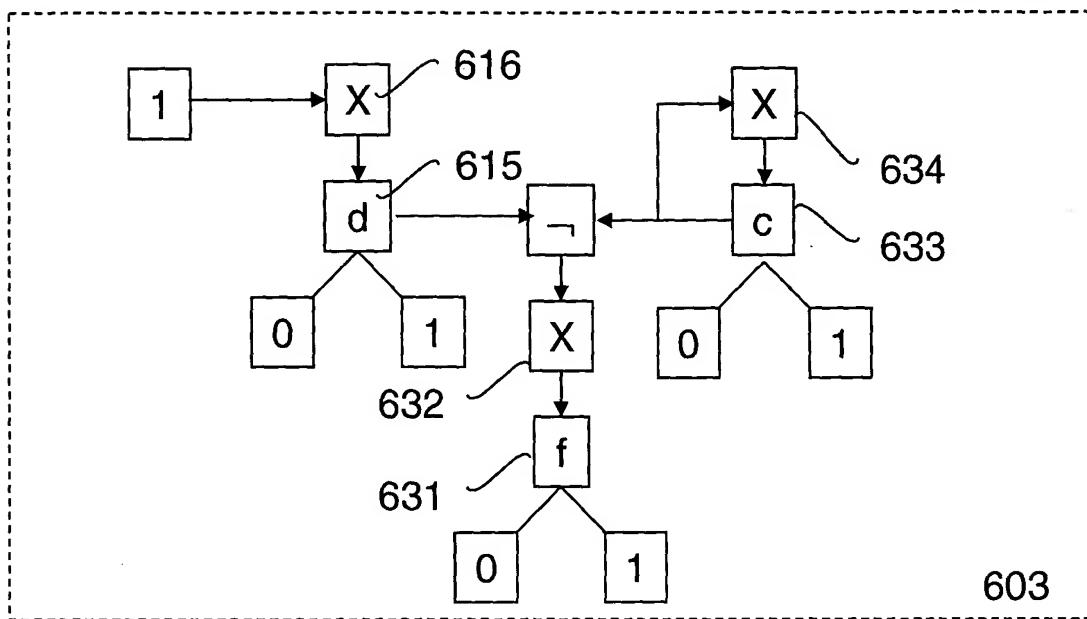


FIG. 6d

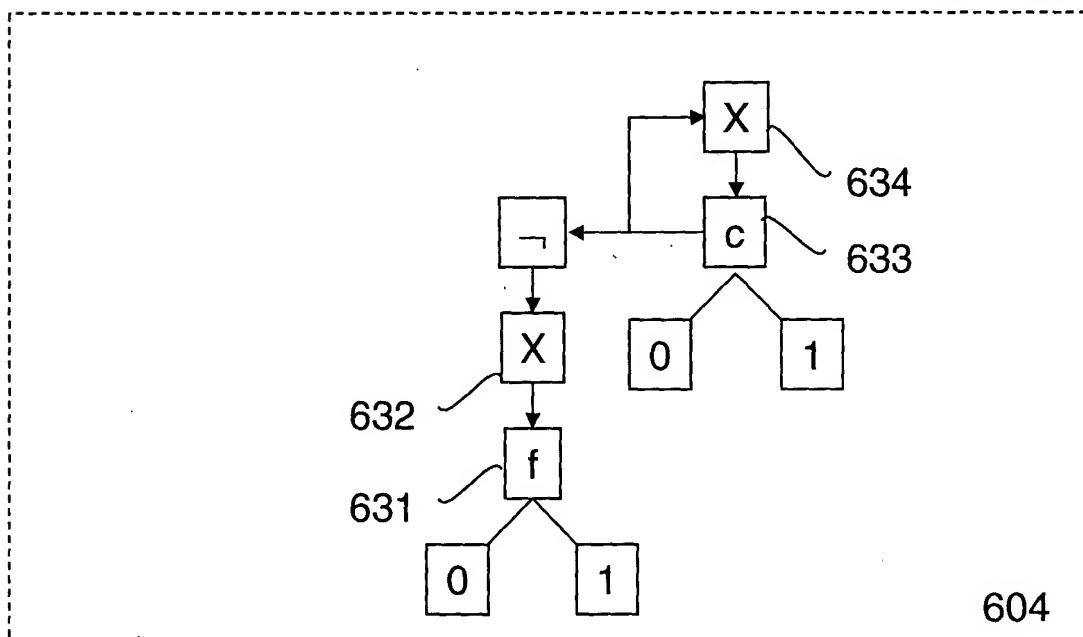


FIG. 7a

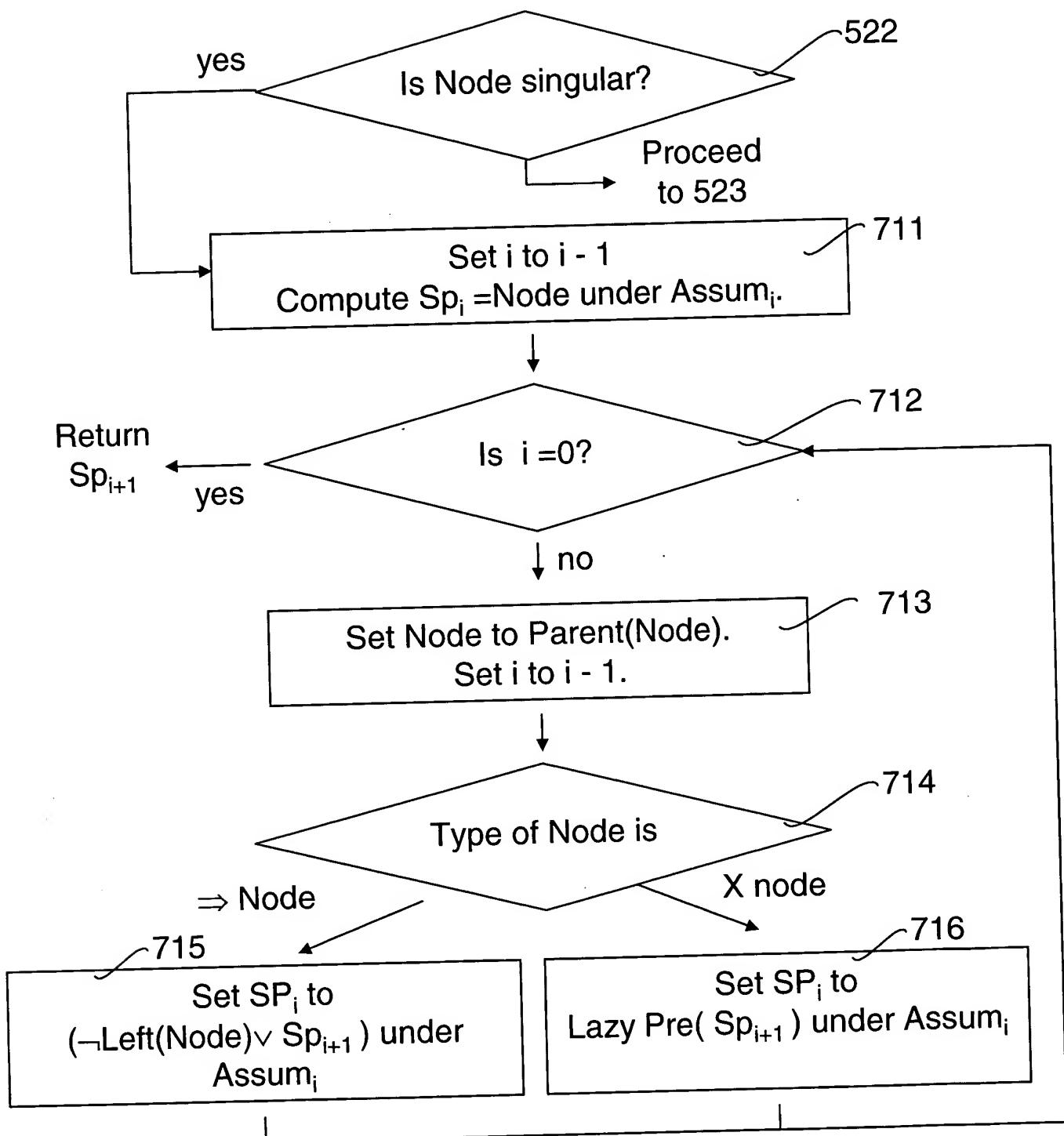


FIG. 7b

# of iteration	Assum	Reduced Transition Relation	Sub-property	State Predicate
4	1	[]	f	f 724
3	d	[N(f) = NOT c]	Xf	NOT c 723
2	a AND b	[N(c) = c]	X(Xf)	NOT c 722
1	a		b \Rightarrow X(Xf)	NOT b OR NOT c 721
0	1		a \Rightarrow (b \Rightarrow X(Xf))	NOT a OR NOT b OR NOT c 720

FIG. 8

